

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004126

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/496 A61P25/00 A61K31/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	US 2003/144270 A1 (WROBLESKI MICHELLE LACI ET AL) 31 July 2003 (2003-07-31) page 8, paragraphs 173, 174	1-21
Y	US 2002/123491 A1 (CHEN XIAO ET AL) 5 September 2002 (2002-09-05) page 3, paragraphs 36, 37	1-21
Y	US 2003/064980 A1 (CHEN XIAO ET AL) 3 April 2003 (2003-04-03) page 2, paragraph 35 page 1, paragraph 4 page 3, paragraphs 38, 39	1-21
Y	WO 02/10141 A (AHLIJANIAN MICHAEL KIRK ; SANNER MARK ALLEN (US); VILLALOBOS ANABELLA) 7 February 2002 (2002-02-07) page 42, lines 14, 26	1-21
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

27/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Heller, D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004126

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/44200 A (CHEN XIAO ; PALIWAL SUNIL (US); XIAO DONG (US); BLYTHIN DAVID J (US);) 21 June 2001 (2001-06-21) page 5, paragraph 8-21	1-21
Y	WO 01/25219 A (GLAXO GROUP LTD ; GIOVANNINI RICCARDO (IT); ST DENIS YVES (IT); ALVARO) 12 April 2001 (2001-04-12) cited in the application page 9, lines 3,4 page 14, lines 8-10 page 14, lines 22-26	1-21
Y	WO 03/015784 A (JACK TORQUIL IAIN MACLEAN ; GLAXO GROUP LTD (GB); TRANQUILLINI MARIA E) 27 February 2003 (2003-02-27) page 2, line 15- page 5, lines 30-36 page 8, lines 8-11	1-21

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/004126

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 19
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004126

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003144270	A1	31-07-2003	WO 03042173 A1	22-05-2003
US 2002123491	A1	05-09-2002	US 2003064980 A1	03-04-2003
			AU 2097601 A	25-06-2001
			CA 2393672 A1	21-06-2001
			CN 1434805 T	06-08-2003
			EP 1237874 A2	11-09-2002
			HU 0301607 A2	29-12-2003
			JP 2003522739 T	29-07-2003
			WO 0144200 A2	21-06-2001
US 2003064980	A1	03-04-2003	US 2002123491 A1	05-09-2002
			AU 2097601 A	25-06-2001
			CA 2393672 A1	21-06-2001
			CN 1434805 T	06-08-2003
			EP 1237874 A2	11-09-2002
			HU 0301607 A2	29-12-2003
			JP 2003522739 T	29-07-2003
			WO 0144200 A2	21-06-2001
WO 0210141	A	07-02-2002	AU 7094401 A	13-02-2002
			BG 107469 A	30-09-2003
			BR 0112862 A	01-07-2003
			CA 2418115 A1	07-02-2002
			CN 1444567 T	24-09-2003
			CZ 20030225 A3	18-02-2004
			EP 1305295 A1	02-05-2003
			HR 20030048 A1	30-04-2003
			HU 0303069 A2	01-03-2004
			WO 0210141 A1	07-02-2002
			JP 2004505111 T	19-02-2004
			NO 20030472 A	27-03-2003
			SK 1042003 A3	04-05-2004
			US 2003083352 A1	01-05-2003
			US 2002119963 A1	29-08-2002
WO 0144200	A	21-06-2001	AU 2097601 A	25-06-2001
			CA 2393672 A1	21-06-2001
			CN 1434805 T	06-08-2003
			EP 1237874 A2	11-09-2002
			HU 0301607 A2	29-12-2003
			JP 2003522739 T	29-07-2003
			WO 0144200 A2	21-06-2001
			US 2003064980 A1	03-04-2003
			US 2002123491 A1	05-09-2002
WO 0125219	A	12-04-2001	AU 768780 B2	08-01-2004
			AU 7913900 A	10-05-2001
			BR 0014541 A	17-09-2002
			CA 2386515 A1	12-04-2001
			CN 1391564 T	15-01-2003
			CZ 20021166 A3	13-11-2002
			WO 0125219 A2	12-04-2001
			EP 1218359 A2	03-07-2002
			HU 0203136 A2	28-02-2003
			JP 2003511377 T	25-03-2003
			NO 20021637 A	06-06-2002
			NZ 518144 A	30-04-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004126

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0125219 A		TR 200200936 T2	22-07-2002
		US 2003028021 A1	06-02-2003
		US 2004048862 A1	11-03-2004
		ZA 200202589 A	03-07-2003
WO 03015784 A	27-02-2003	WO 03015784 A1	27-02-2003
		EP 1423117 A1	02-06-2004